

*S. Brown*  
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#13

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/497,997B

DATE: 05/30/2001  
TIME: 11:07:53

Input Set : A:\06600166.txt  
Output Set: C:\CRF3\05302001\I497997B.raw

3 <110> APPLICANT: TERYNCK, THERESA  
4 AVRAMEAS, ALEXANDRE  
5 BUTTIN, GERARD  
6 AVRAMEAS, STRAITIS  
7 SARON, MARIE-FRANCOISE  
8 BLONDEL, BRUNO  
9 COUDERC, THERESA  
10 MICHELSON, SUSAN  
11 ZIPETO, DONATO  
13 <120> TITLE OF INVENTION: VECTORS DERIVED FROM ANTIBODIES FOR TRANSFERRING SUBSTANCES  
INTO CELLS  
15 <130> FILE REFERENCE: 0660-0166-0XCONT  
17 <140> CURRENT APPLICATION NUMBER: 09/497,997B  
18 <141> CURRENT FILING DATE: 2000-02-04  
20 <150> PRIOR APPLICATION NUMBER: PCT/FR98/01740  
21 <151> PRIOR FILING DATE: 1998-08-04  
23 <160> NUMBER OF SEQ ID NOS: 35  
25 <170> SOFTWARE: PatentIn version 3.0  
27 <210> SEQ ID NO: 1  
28 <211> LENGTH: 17  
29 <212> TYPE: PRT  
30 <213> ORGANISM: Artificial Sequence  
32 <220> FEATURE:  
33 <221> NAME/KEY: misc\_feature  
34 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide  
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40 1 5 10 15  
42 Thr  
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46 <211> LENGTH: 17  
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48 <213> ORGANISM: Artificial Sequence  
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51 <221> NAME/KEY: misc\_feature  
52 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide  
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58 1 5 10 15  
60 Thr  
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64 <211> LENGTH: 18  
65 <212> TYPE: PRT  
66 <213> ORGANISM: Artificial Sequence  
68 <220> FEATURE:  
69 <221> NAME/KEY: misc\_feature  
70 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide  
73 <400> SEQUENCE: 3

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75 Thr Arg Gln Ala Arg Ala Thr Trp Asp Trp Phe Ala Tyr Trp Gly Gln  
76 1 5 10 15  
78 Gly Thr  
81 <210> SEQ ID NO: 4  
82 <211> LENGTH: 22  
83 <212> TYPE: PRT  
84 <213> ORGANISM: Artificial Sequence  
86 <220> FEATURE:  
87 <221> NAME/KEY: misc\_feature  
88 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide  
91 <400> SEQUENCE: 4  
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94 1 5 10 15  
96 Val Lys Gly Arg Phe Thr  
97 20  
99 <210> SEQ ID NO: 5  
100 <211> LENGTH: 21  
101 <212> TYPE: PRT  
102 <213> ORGANISM: Artificial Sequence  
104 <220> FEATURE:  
105 <221> NAME/KEY: misc\_feature  
106 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide  
109 <400> SEQUENCE: 5  
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112 1 5 10 15  
114 Ile Lys Gly Arg Phe  
115 20  
117 <210> SEQ ID NO: 6  
118 <211> LENGTH: 23  
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122 <220> FEATURE:  
123 <221> NAME/KEY: misc\_feature  
124 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide  
127 <400> SEQUENCE: 6  
129 Val Ala Ala Ile Ser Arg Gly Gly Tyr Ser Tyr Tyr Leu Asp Ser  
130 1 5 10 15  
132 Val Lys Gly Arg Phe Thr Ile  
133 20  
135 <210> SEQ ID NO: 7  
136 <211> LENGTH: 30  
137 <212> TYPE: PRT  
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140 <220> FEATURE:  
141 <221> NAME/KEY: misc\_feature  
142 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide  
145 <400> SEQUENCE: 7  
147 Val Ala Tyr Ile Ser Arg Gly Gly Val Ser Thr Tyr Tyr Ser Asp Thr  
148 1 5 10 15

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158 <220> FEATURE:  
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165 Ala Arg Gln Lys Tyr Asn Lys Arg Ala Met Asp Tyr  
166 1 5 10  
168 <210> SEQ ID NO: 9  
169 <211> LENGTH: 31  
170 <212> TYPE: PRT  
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173 <220> FEATURE:  
174 <221> NAME/KEY: misc\_feature  
175 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide  
178 <400> SEQUENCE: 9  
180 Cys Val Ala Tyr Ile Ser Arg Gly Gly Val Ser Thr Tyr Tyr Ser Asp  
181 1 5 10 15  
183 Thr Val Lys Gly Arg Phe Thr Arg Gln Lys Tyr Asn Lys Arg Ala  
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199 1 5 10 15  
201 Val Lys Gly Arg Phe Thr Arg Gln Lys Tyr Asn Lys Arg Ala  
202 20 25 30  
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218 <210> SEQ ID NO: 12  
219 <211> LENGTH: 26  
220 <212> TYPE: DNA  
221 <213> ORGANISM: Artificial Sequence

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237 <220> FEATURE:  
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239 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA  
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251 <220> FEATURE:  
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253 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA  
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261 <211> LENGTH: 26  
262 <212> TYPE: DNA  
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265 <220> FEATURE:  
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267 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA  
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275 <211> LENGTH: 17  
276 <212> TYPE: PRT  
277 <213> ORGANISM: Artificial Sequence  
279 <220> FEATURE:  
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281 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide  
284 <400> SEQUENCE: 16  
286 Thr Arg Gln Lys Tyr Asn Lys Arg Ala Met Asp Tyr Trp Gly Gln Gly  
287 1 5 10 15  
289 Thr  
292 <210> SEQ ID NO: 17  
293 <211> LENGTH: 18  
294 <212> TYPE: PRT  
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297 <220> FEATURE:  
298 <221> NAME/KEY: misc\_feature

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299 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide  
302 <400> SEQUENCE: 17  
304 Thr Arg Gln Lys Tyr Asn Lys Lys Arg Gly Met Asp Tyr Trp Gly Gln  
305 1 5 10 15  
307 Gly Thr  
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311 <211> LENGTH: 18  
312 <212> TYPE: PRT  
313 <213> ORGANISM: Artificial Sequence  
315 <220> FEATURE:  
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317 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide  
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323 1 5 10 15  
325 Gly Thr  
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330 <212> TYPE: PRT  
331 <213> ORGANISM: Artificial Sequence  
333 <220> FEATURE:  
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335 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide  
338 <400> SEQUENCE: 19  
340 Val Ala Tyr Ile Ser Arg Gly Gly Val Ser Thr Tyr Tyr Ser Asp Thr  
341 1 5 10 15  
343 Val Lys Gly Arg Phe  
344 20  
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353 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide  
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361 Val Lys Gly Arg Phe Thr  
362 20  
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366 <212> TYPE: PRT  
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369 <220> FEATURE:  
370 <221> NAME/KEY: misc\_feature  
371 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic peptide  
374 <400> SEQUENCE: 21  
376 Val Ala Tyr Ile Ser Arg Gly Gly Ile Phe Tyr Tyr Gln Asp Ser Ile

**VERIFICATION SUMMARY**

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Input Set : A:\06600166.txt

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